

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|-------|--|---|------------------|---------|------------------|
| S1 | 9198 | ((361/760,790,784,748) or (257/697,699,700,723,737,735,777)).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/12/07 16:16 |
| S2 | 7903 | S1 and (third adj substrate multiple adj substrate substrate signal adj path trace data adj path communication adj path and bump pad interconnect\$4 adj bump electrode) | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2005/11/28 11:22 |
| S3 | 3155 | (361/760,790,784,748).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/11/21 14:25 |
| S4 | 2268 | S3 and (third adj substrate multiple adj substrate substrate signal adj path trace data adj path communication adj path and bump pad interconnect\$4 adj bump electrode) | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2005/11/21 14:26 |
| S6 | 18 | 58-92230 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/07 10:04 |
| S7 | 11 | "5892230" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/11/23 13:44 |
| S10 | 1 | "05892230" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/11/23 13:44 |
| S11 | 9210 | ((361/760,790,784,748) or (257/697,699,700,723,737,735,777)).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/11/28 16:47 |
| S12 | 9219 | ((361/760,790,784,748) or (257/697,699,700,723,737,735,777)).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/11/29 09:22 |
| S13 | 9219 | ((361/760,790,784,748) or (257/697,699,700,723,737,735,777)).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/11/30 10:30 |
| S14 | 11941 | ((361/760,790,784,748) or (257/697,699,700,723,737,735,777) or (257/758)).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/11/30 11:28 |

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|-----|---------|---|---|----|-----|------------------|
| S15 | 2005 | S14 and (substrate) and (signal adj path trace data adj path communication adj path) and (bump pad interconnect\$4 electrode) | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2005/11/30 11:54 |
| S16 | 0 | S14 and (substrate) and (signal adj path trace data adj path communication adj path) and (bump pad interconnect\$4 electrode) | JPO | OR | ON | 2005/11/30 11:54 |
| S17 | 0 | S14 and (substrate) | JPO | OR | ON | 2005/11/30 11:55 |
| S18 | 505930 | substrate | JPO | OR | ON | 2005/11/30 11:55 |
| S19 | 72200 | substrate | EPO | OR | ON | 2005/11/30 11:55 |
| S20 | 1275149 | substrate | EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/11/30 11:55 |
| S21 | 28069 | substrate and (signal adj path trace data adj path communication adj path interconnect\$4) | EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/11/30 12:00 |
| S22 | 19867 | substrate and (signal adj path trace data adj path communication adj path interconnect\$4) | DERWENT | OR | ON | 2005/11/30 12:01 |
| S23 | 1921 | substrate and (signal adj path trace data adj path communication adj path interconnect\$4) | EPO | OR | ON | 2005/11/30 12:02 |
| S24 | 1 | ("20050146010").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/12/01 15:17 |
| S26 | 46 | ((("3105869") or ("3501681") or ("3663184") or ("3760238") or ("3770874") or ("3871014") or ("3897871") or ("3942187") or ("4074342") or ("4113578") or ("4382517") or ("4473263") or ("4532576") or ("4657146") or ("4855809") or ("4948754") or ("4950623") or ("4962058") or ("5022580") or ("5113314") or ("5160409") or ("5162257") or ("5194137") or ("5239447") or ("5240881") or ("5250843") or ("5289925") or ("5293006") or ("5327013") or ("5327327") or ("5335795") or ("5347428") or ("5354711") or ("5406701") or ("5424920") or ("5432729") or ("5453582") or ("5616962") or ("5680296") or ("5739053") or ("5744382") or ("5751556") or ("5793116") or ("5963793")).PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/12/07 10:23 |

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| S27 | 44 | ("4525921" "4617160" "4646128" "4704319" "4706166" "4764846" "4983533" "5025306" "5104820").PN. OR ("5327327").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/12/07 15:36 |
| S28 | 5 | ((("20020195697") or ("20020171136") or ("20030137042") or ("20040164391") or ("20030015803"))).PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/12/07 15:57 |
| S29 | 9241 | ((361/760,790,784,748) or (257/697,699,700,723,737,735,777)).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/12/07 16:16 |
| S30 | 2 | S29 and (offset adj substrate) | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2005/12/07 16:18 |
| S31 | 278 | S29 and offset same substrate | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2005/12/07 16:19 |
| S32 | 163 | S29 and offset with substrate | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2005/12/07 17:07 |
| S33 | 89 | S29 and offset with substrate and (PCB printed adj circuit adj board) | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2005/12/07 17:09 |

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